

Erosion Categories 1 = Highly Erodible Land
2 = Potentially Highly Erodible Land
3 = Not Highly Erodible Land

Erosion Category	SMS	Soil Name	Acres	Min LS
=====	=====	=====	=====	=====
1	AdD2	ADAIR CLAY LOAM, 5 TO 11 PERCENT SLOPES, MODERATELY ERODED	311	0.43
1	AdF2	ADAIR CLAY LOAM, 11 TO 18 PERCENT SLOPES, MODERATELY ERODED	311	0.43
1	AdH2	ADAIR CLAY LOAM, 18 TO 28 PERCENT SLOPES, MODERATELY ERODED	164	0.43
1	AsD3	ADAIR SOILS, 5 TO 11 PERCENT SLOPES, SEVERELY ERODED	76	0.29
1	AsF3	ADAIR SOILS, 11 TO 18 PERCENT SLOPES, SEVERELY ERODED	722	0.29
1	CdD2	CLARINDA SILTY CLAY LOAM, 5 TO 11 PERCENT SLOPES, MODERATELY ERODED	56	0.37
1	CnD3	CLARINDA SOILS, 5 TO 11 PERCENT SLOPES, SEVERELY ERODED	45	0.25
1	DoE3	DOW SILT LOAM, 8 TO 14 PERCENT SLOPES, SEVERELY ERODED	94	0.43
1	DoF3	DOW SILT LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	18	0.43
1	IdC3	IDA SILT LOAM, 5 TO 8 PERCENT SLOPES, SEVERELY ERODED	936	0.43
1	IdD3	IDA SILT LOAM, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	1678	0.43
1	IdE3	IDA SILT LOAM, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	5123	0.43
1	IdF3	IDA SILT LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	8712	0.43
1	IdG3	IDA SILT LOAM, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	2700	0.43
1	IdH3	IDA SILT LOAM, 23 TO 28 PERCENT SLOPES, SEVERELY ERODED	363	0.43
1	IdI3	IDA SILT LOAM, 28 TO 40 PERCENT SLOPES, SEVERELY ERODED	45	0.43
1	JdC	JUDSON SILT LOAM, 5 TO 8 PERCENT SLOPES	2567	0.82
1	JnC	JUDSON-NODAWAY-COLO COMPLEX, 5 TO 8 PERCENT SLOPES	1445	0.71
1	JzC	JUDSON-NODAWAY-ZOOK COMPLEX, 5 TO 8 PERCENT SLOPES	71	0.71
1	MaC2	MARSHALL SILT LOAM, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	11657	0.71
1	MaD2	MARSHALL SILT LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	7365	0.71
1	MaE2	MARSHALL SILT LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	5688	0.71
1	MaF2	MARSHALL SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	779	0.71
1	MaH2	MARSHALL SILT LOAM, 18 TO 28 PERCENT SLOPES, MODERATELY ERODED	253	0.71
1	MbC2	MARSHALL SILT LOAM, BENCH POSITION, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	2156	0.71
1	MbD2	MARSHALL SILT LOAM, BENCH POSITION, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	235	0.71
1	McC3	MARSHALL SOILS, 5 TO 8 PERCENT SLOPES, SEVERELY ERODED	3617	0.57
1	McD3	MARSHALL SOILS, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	8796	0.49
1	McE3	MARSHALL SOILS, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	40878	0.49
1	McF3	MARSHALL SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	13301	0.49
1	McG3	MARSHALL SOILS, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	1856	0.49
1	McI3	MARSHALL SOILS, 23 TO 32 PERCENT SLOPES, SEVERELY ERODED	246	0.49
1	MdD3	MARSHALL SOILS, BENCH POSITION, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	515	0.49
1	MdE3	MARSHALL SOILS, BENCH POSITION, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	203	0.49
1	MoC2	MONONA SILT LOAM, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	5869	0.71
1	MoC3	MONONA SILT LOAM, 5 TO 8 PERCENT SLOPES, SEVERELY ERODED	2639	0.49
1	MoD2	MONONA SILT LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	2556	0.71
1	MoD3	MONONA SILT LOAM, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	11574	0.49
1	MoE2	MONONA SILT LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	2622	0.71
1	MoE3	MONONA SILT LOAM, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	31560	0.49
1	MoF2	MONONA SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1568	0.71
1	MoF3	MONONA SILT LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	14844	0.49
1	MoG2	MONONA SILT LOAM, 18 TO 23 PERCENT SLOPES, MODERATELY ERODED	1047	0.71
1	MoG3	MONONA SILT LOAM, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	2585	0.49
1	MoI3	MONONA SILT LOAM, 23 TO 32 PERCENT SLOPES, SEVERELY ERODED	904	0.49
1	MtC2	MONONA SILT LOAM, BENCH POSITION, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	338	0.71
1	MtD2	MONONA SILT LOAM, BENCH POSITION, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	114	0.71
1	ShD2	SHELBY LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	328	0.82

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Erosion Category	SMS	Soil Name	Acres	Min LS
1	ShE2	SHELBY LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	1105	0.82
1	ShF2	SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	540	0.82
1	ShG2	SHELBY LOAM, 18 TO 23 PERCENT SLOPES, MODERATELY ERODED	265	0.82
1	ShH2	SHELBY LOAM, 23 TO 32 PERCENT SLOPES, MODERATELY ERODED	175	0.82
1	SoD3	SHELBY SOILS, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	257	0.65
1	SoE3	SHELBY SOILS, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	2430	0.65
1	SoF3	SHELBY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	3278	0.57
1	SoG3	SHELBY SOILS, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	847	0.57
1	SrD2	STEINAUER LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	92	0.71
1	SrE2	STEINAUER LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	77	0.71
1	SrF2	STEINAUER LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	114	0.71
1	SrG2	STEINAUER LOAM, 18 TO 28 PERCENT SLOPES, MODERATELY ERODED	240	0.71
1	SsD3	STEINAUER SOILS, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	6	0.57
1	SsE3	STEINAUER SOILS, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	99	0.57
1	SsF3	STEINAUER SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	288	0.57
3	Cm	COLO SILTY CLAY LOAM	8	0.82
3	Co	COLO SILTY CLAY LOAM, OVERWASHED	65	0.82
3	Cr	COLO SILTY CLAY LOAM, SILTY CLAY SUBSTRATUM	2243	0.82
3	Cs	CORLEY SILT LOAM	88	0.82
3	Ct	CORLEY SILT LOAM, BENCH POSITION	62	0.82
3	JdA	JUDSON SILT LOAM, 0 TO 2 PERCENT SLOPES	380	0.82
3	JdB	JUDSON SILT LOAM, 2 TO 5 PERCENT SLOPES	5353	0.82
3	JnB	JUDSON-NODAWAY-COLO COMPLEX, 2 TO 5 PERCENT SLOPES	38298	0.71
3	JzB	JUDSON-NODAWAY-ZOOK COMPLEX, 2 TO 5 PERCENT SLOPES	36374	0.71
3	Kb	KENNEBEC SILT LOAM	3052	0.71
3	Kc	KENNEBEC SILT LOAM, CHanneled	3592	0.71
3	MaA	MARSHALL SILT LOAM, 0 TO 2 PERCENT SLOPES	6640	0.71
3	MaB	MARSHALL SILT LOAM, 2 TO 5 PERCENT SLOPES	32828	0.71
3	MbA	MARSHALL SILT LOAM, BENCH POSITION, 0 TO 2 PERCENT SLOPES	1007	0.71
3	MbB	MARSHALL SILT LOAM, BENCH POSITION, 2 TO 5 PERCENT SLOPES	3830	0.71
3	Me	MINDEN SILT LOAM	329	0.82
3	Mn	MINDEN SILT LOAM, BENCH POSITION	588	0.82
3	MoB2	MONONA SILT LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	815	0.71
3	MtB	MONONA SILT LOAM, BENCH POSITION, 2 TO 5 PERCENT SLOPES	93	0.71
3	No	NODAWAY SILT LOAM,	12092	0.62
3	Ns	NODAWAY SILT LOAM, SHALLOW TO SILTY CLAY	4323	0.62
3	Zc	ZOOK SILTY CLAY	3429	0.82
3	Zo	ZOOK SILTY CLAY, OVERWASHED	2364	0.82
3	Zs	ZOOK SILTY CLAY LOAM	2643	0.82
3	Zv	ZOOK SILTY CLAY LOAM, OVERWASHED	2365	0.82

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	211,343

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Shelby County Erodible Land List (Water Erosion) Harlan Field Office

Erosion Index (EI) = 8 Rainfall Factor (R) = 175

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Page 3

3 162,861